

TECHNICAL MANUAL

**ORGANIZATIONAL, DIRECT SUPPORT AND
GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST
(INCLUDING DEPOT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS)**

**AIR CONDITIONER, FLOOR MOUNTED,
AIR COOLED**

**ELECTRIC MOTOR DRIVEN, 3/4 HP 60 CYCLE
SINGLE PHASE, 9,000 BTU/HR
HARVEY W. HOTTEL, INC.**

**MODEL HAC-750H
NSN 4120-00-592-4645**

CHANGE }
No. 1 }

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 4 May 1979

Organizational, Direct Support and General Support
Maintenance Repair Parts and Special Tools List
(Including Depot Maintenance Repair
Parts and Special Tools)

AIR CONDITIONER, FLOOR MOUNTED, AIR COOLED
ELECTRIC MOTOR DRIVEN, 3/4/HP 60 CYCLE
SINGLE PHASE, 9,000 BTU/HR
(HARVEY W. HOTTEL, INC. MODEL HAC-750H)
NSN 4120-00-592-4645

TM 5-4120-351-24P, 28 September 1979, is changed as follows:

1. Remove and insert pages as indicated below. New or changed text is indicated by a vertical bar in the margin. An illustration change is by a miniature pointing hand.

Remove pages

i/ii
15 and 16
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Insert pages

i/ii
15 and 16
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Current as of 23 October 1986

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistake or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Change Publications and Blank Forms), or DA Form 2028-2 located in the back of this manual directly to: Commander, U. S. Army Troop Support Command, ATTN: AMSTR-MPS, Goodfellow Boulevard, St. Louis, MO 63120-1798. A reply will be furnished directly to you.

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Section I. INTRODUCTION

cope.

This manual lists spares and repair parts; special tools; special test, measurement, and diagnostic equipment (TMDE), and other special support equipment required for performance of organizational, direct support, and general support maintenance of the Air Conditioner. It authorizes requisitioning and issue of spares and repair parts as indicated by the source and maintenance codes.

General.

This Repair Parts and Special Tools List is divided into the following sections:

Section II. Repair Parts List. A list of spares and repair parts authorized for use in the performance of maintenance. The list also includes parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in numeric sequence, with the parts in each group listed in figure and item number sequence. Bulk materials are listed in NSN sequence.

Section III. Special Tools List. A list of special tools, special TMDE, and other special support equipment authorized for the performance of maintenance.

Section IV. National Stock Number and Number Index. A list, in National item identification number (NIIN) sequence, of all National stock numbers (NSN) appearing in the listings, followed by a list in alphanumeric sequence of all part numbers appearing in the listings. National stock numbers and part numbers are cross-referenced to the illustration figure and item number appearing. This index is followed by a cross-reference list of reference designators to figure and item number.

Explanation of Columns.

Illustration. This column is divided as follows:

Identify item called out in the illustration.

b. Source, Maintenance, and Recovery (SMR) Codes.

(1) Source Code. Source codes indicate the manner of acquiring support items for maintenance, repair, or overhaul of end items. Source codes are entered in the first and second positions of the Uniform SMR Code format as follows:

Code	Definition
PA	Item procured and stocked for anticipated or known usage.
PB	Item procured and stocked for maintenance purpose because essential quantities that a minimum quantity is available in the supply system.
PC	Item procured and stocked and otherwise would be coded PA, but that it is <i>deteriorative in nature</i> .
PD	Support item, excluding support equipment, procured for initial issue, fitting and stocked only for subsequent or additional initial issues or fittings. Not subject to automatic replenishment.
PE	Support equipment procured and stocked for initial issue or outfitting specified maintenance repair activities.
PF	Support equipment which will be stocked but which will be procured on demand.
PG	Item procured and stocked to provide for sustained support for the life of equipment. It is applied to an item peculiar to the equipment which, because of probable discontinuation or shutdown of production facilities, would prove uneconomical to produce at a later time.
KD	An item of a depot overhaul/repair kit and not purchased separately. A kit defined as a kit that provides required at the time of overhaul/repair.

e

Definition

Item included in both a depot overhaul/repair kit and a maintenance kit. Item to be manufactured or fabricated at organizational level.

Item to be manufactured or fabricated at the direct support maintenance level.

Item to be manufactured or fabricated at the general support maintenance level.

Item to be manufactured or fabricated at the depot maintenance level.

Item to be assembled at organizational level.

Item to be assembled at direct support maintenance level.

Item to be assembled at general support maintenance level.

Item to be assembled at depot maintenance level.

Item is not procured or stocked because the requirements for the item will result in the replacement of the next higher assembly.

Item is not procured or stocked. If not available through salvage, requisition. Installation drawing, diagram, instruction sheet, field service drawing, that is identified by manufacturer's part number.

A support item that is not stocked. When required, item will be procured through normal supply channels.

NOTE: Cannibalization or salvage may be used as a source of supply for any items coded above except those coded XA and aircraft support items as restricted by AR 700-42.

(2) Maintenance Code. Maintenance codes are assigned to indicate the levels of maintenance authorized to USE and REPAIR support items. The maintenance codes are entered in the third and fourth positions of the Uniform SMR Code format as follows:

third position will indicate one of the following levels of maintenance:

Code	Application/Explanation
C	Crew or operator maintenance performed within organizational maintenance.
O	Support item is removed, repaired, used at the organizational level.
F	Support item is removed, repaired, used at the direct support level.
H	Support item is removed, repaired, used at the general support level.
D	Support items that are removed, replaced, used at depot, mobile depot, or specialized activity only.

(b) The maintenance code entered in the fourth position indicates whether the item is repaired and identifies the lowest maintenance level with the capability to perform complete repair (i.e., all authorized maintenance functions). The position will contain one of the following maintenance codes.

Code	Application/Explanation
O	The lowest maintenance level capable of complete repair of the support item is the organizational level.
F	The lowest maintenance level capable of complete repair of the support item is the direct support level.
H	The lowest maintenance level capable of complete repair of the support item is the general support level.
D	The lowest maintenance level capable of complete repair of the support item is the depot level.
L	Repair restricted to (enter appropriate) designated specialized repair activity. Specialized Repair Activity.
Z	Nonreparable. No repair is authorized.
B	No repair is authorized. The item may be reconditioned by adjusting, cleaning, etc., at the user level. No special tools are procured for maintenance of this item.

Verability Code

Definition

Z	Nonreparable item. When un-serviceable, condemn and dispose at the level indicated in position 3.
O	Reparable item. When un-economically reparable, condemn and dispose at organizational level.
F	Reparable item. When un-economically reparable, condemn and dispose at the direct support level.
H	Reparable item. When un-economically reparable, condemn and dispose at the general support level.
D	Reparable item. When beyond lower level repair capability, return to depot. Condemnation and disposal not authorized below depot level.
L	Reparable item. Repair, condemnation, and disposal not authorized below depot/specialized repair activity level.
A	Item requires special handling or condemnation procedures because of specific reasons (i.e., precious metal content, high dollar value, critical material or hazardous material). Refer to appropriate manuals/directives for specific instructions.

National Stock Number. Indicates the National stock number assigned to the item and which is used for requisitioning.

Part Number. Indicates the primary number assigned by the manufacturer (individual, company, corporation, or Government activity), which identifies the design and characteristics of the item based on its engineering drawings, specifications, standards, and inspection requirements to

e. Federal Supply Code for Manufacturers (FSCM). The FSCM is a 5-digit numeric code found in SB 708-42 which is used to identify the manufacturer, distributor, or Government agency.

f. Description. Indicate the Federal item number and, if required, a minimum description to identify the item. Items that are included in kits are listed below the name of the kit or set with the quantity of each item in the kit or set indicated in the quantity incorporated in unit column. When the part to be used differs between serial numbers of the same model, the effective serial number is shown as the last line of the description. When the density of equipments supported exceeds density shown indicated in the basis of issue the total authorization is increased accordingly.

g. Unit of Measure (U/M). Indicates the standard of the basic quantity of the listed item used in performing the actual maintenance function. This measure is expressed by a two-character alphabetical abbreviation (e.g., ea, in, pr, etc). When the unit of measure differs from the unit of issue the lowest unit of issue that will satisfy the requisition units of measure will be requisitioned.

h. Quantity Incorporated in Unit. Indicates the quantity of the item used in the breakout shown on the illustration figure, which is prepared for functional group, subfunctional group, or an assembly. A "V" appearing in this column in lieu of a quantity indicates that no specific quantity is applicable, (e.g., shims, spacers, etc).

4. Special Information. The following provisions pertain to Air Conditioner, 9,000 BTU components:

TM 5-4120-351-14

Air Conditioner, 9,000 BTU

5. How to Locate Repair Parts.

a. When National Stock Number or Part Number is Unknown:

(1) First. Using the Table of Contents

(2) *Second.* Find the illustration covering the insert as applicable-functional group or subgroup) to which the item belongs.

(3) *Third.* Identify the item on the illustration and note the illustration figure and item number of the item.

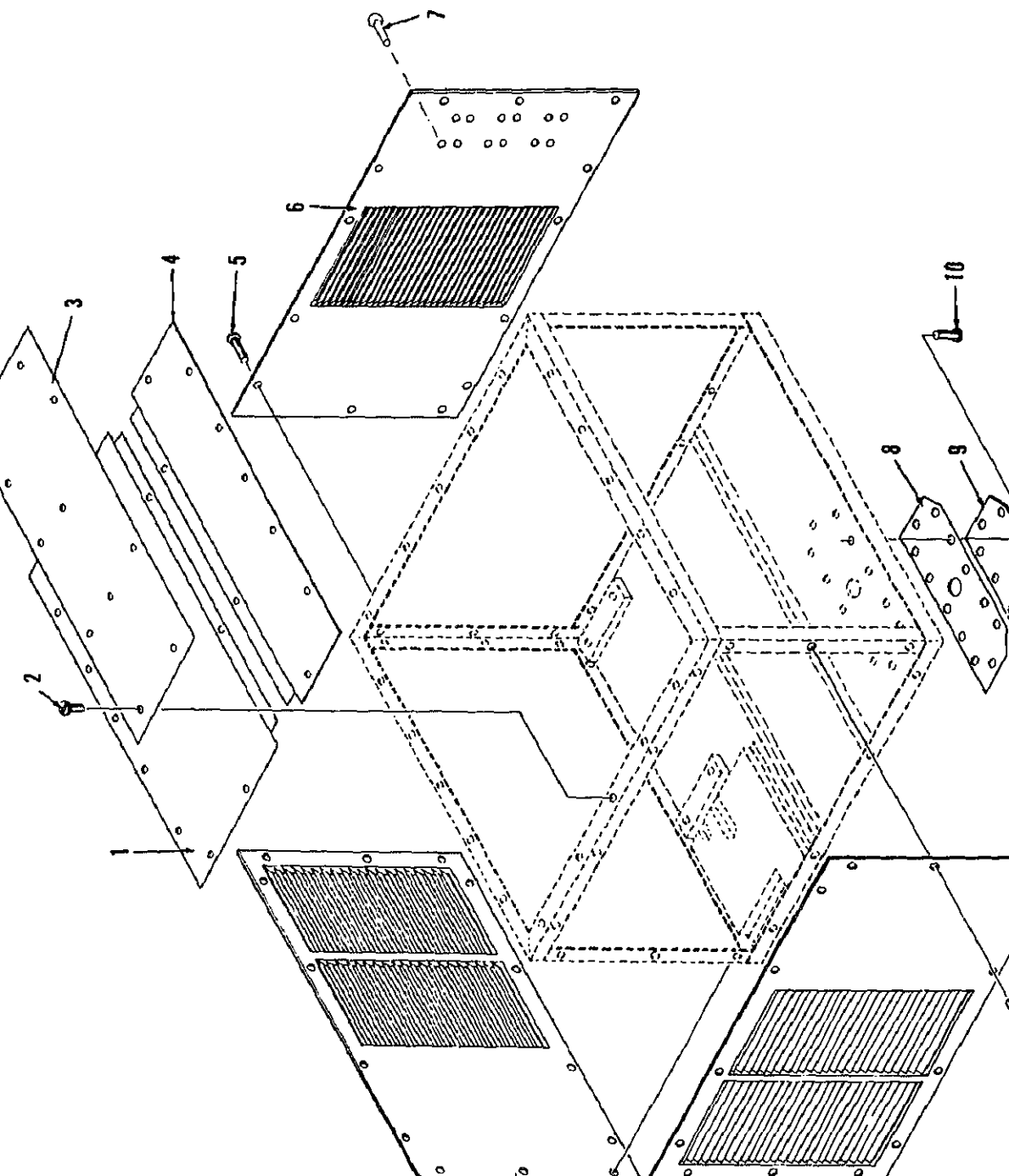
(4) *Fourth.* Using the Repair Parts Listing, find the figure and item number noted on the illustration.

b. When National Stock Number or Part Number is Known:

(1) *First.* Using the Index of National Numbers and Part Numbers, find the pertinent stock number or part number. This index is a NIIN sequence followed by a list of part numbers in alphabetic sequence, cross-referenced to the illustration figure number and item number.

(2) *Second.* After finding the figure and item number, locate the figure and item number in the repair parts list.

6. Abbreviations. (Not applicable).



(1) DESCRIPTION	(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION
(1) ITEM NO.	(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION
					USABLE ON CODE
					SECTION II - REPAIR PARTS LIST
					GROUP 01 BODY CHASSIS
1	1 XBOZZ		13221E4532	774J3	PANEL, TOP, REAR.....
1	2 PAOZZ	5305-00-054-6670	MS51 957-45	767J6	SCREW, MACHINE.....
1	3 XBOZZ		13221E4531	774J3	PANEL, TOP, CENTER.....
1	4 XBOZZ		13221E4530	774J3	PANEL, TOP, FRONT.....
1	5 PAOZZ	5305-00-054-6672	MS51 957-47	767J6	SCREW, MACHINE.....
1	6 XBOZZ		13221E4562	774J3	PANEL, RIGHT SIDE.....
1	7 PAOZZ	5320-00-557-2459	MS206048442	767J6	RIVET, BLIND.....
1	8 XBOZZ		13221E4537	774J3	GASKET, FILTER COVER.....
1	9 XBOZZ		13221E4536	774J3	COVER, FILTER.....
1	10 PAOZZ	5305-00-054-6671	MS51 957-46	767J6	SCREW, MACHINE.....
1	11 XBOZZ		13221E4563	774J3	PANEL, LEFT SIDE.....
1	12 XBOZZ		13221E4569	774J3	PANEL, REAR.....

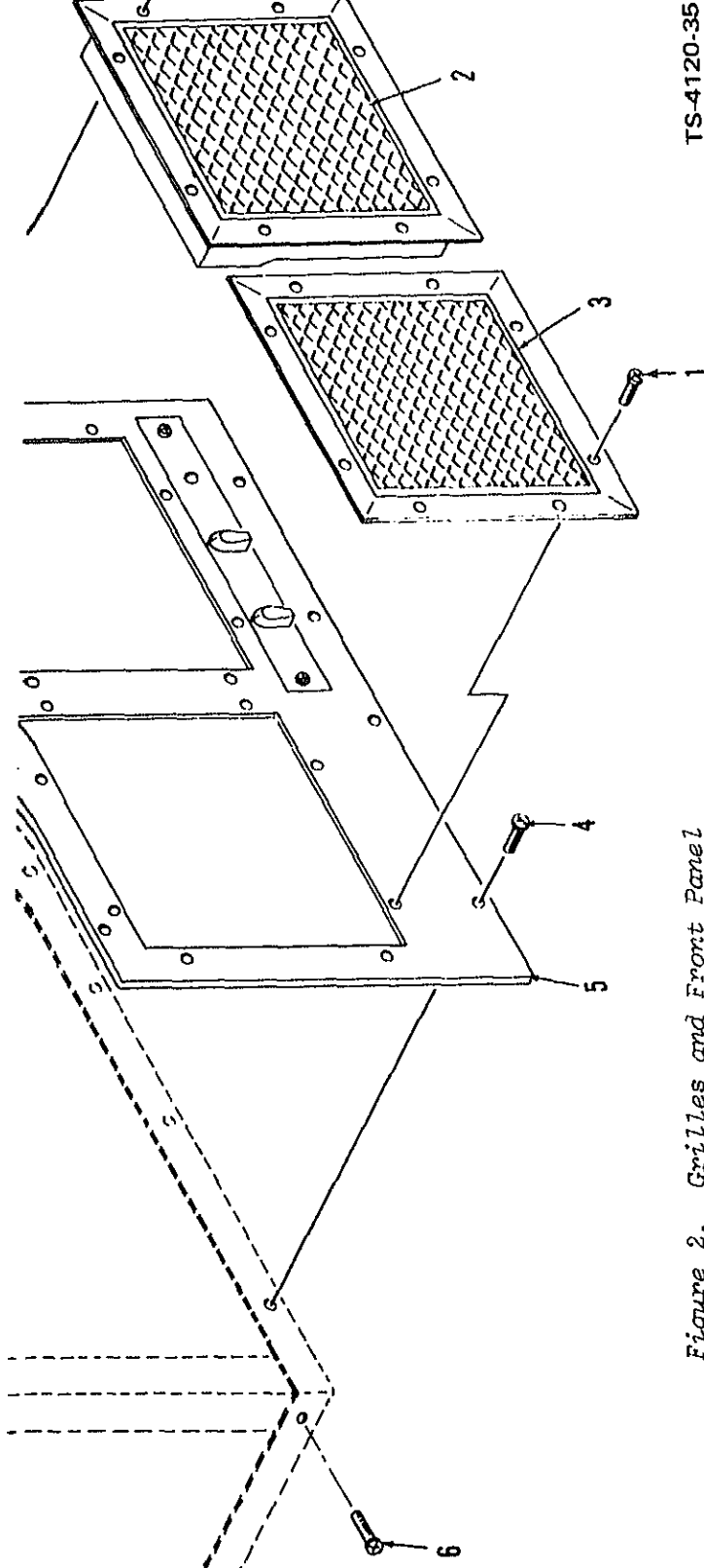
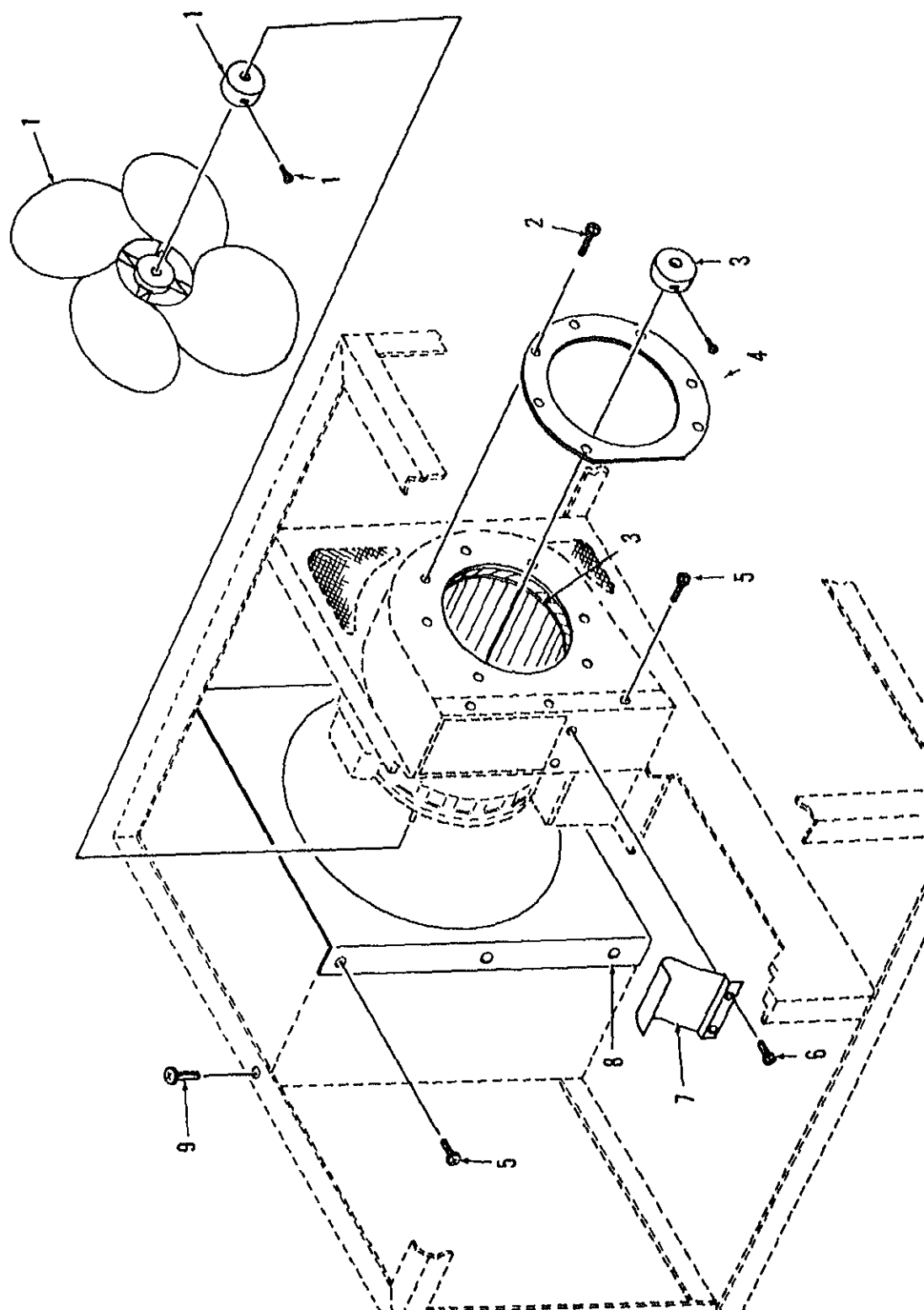
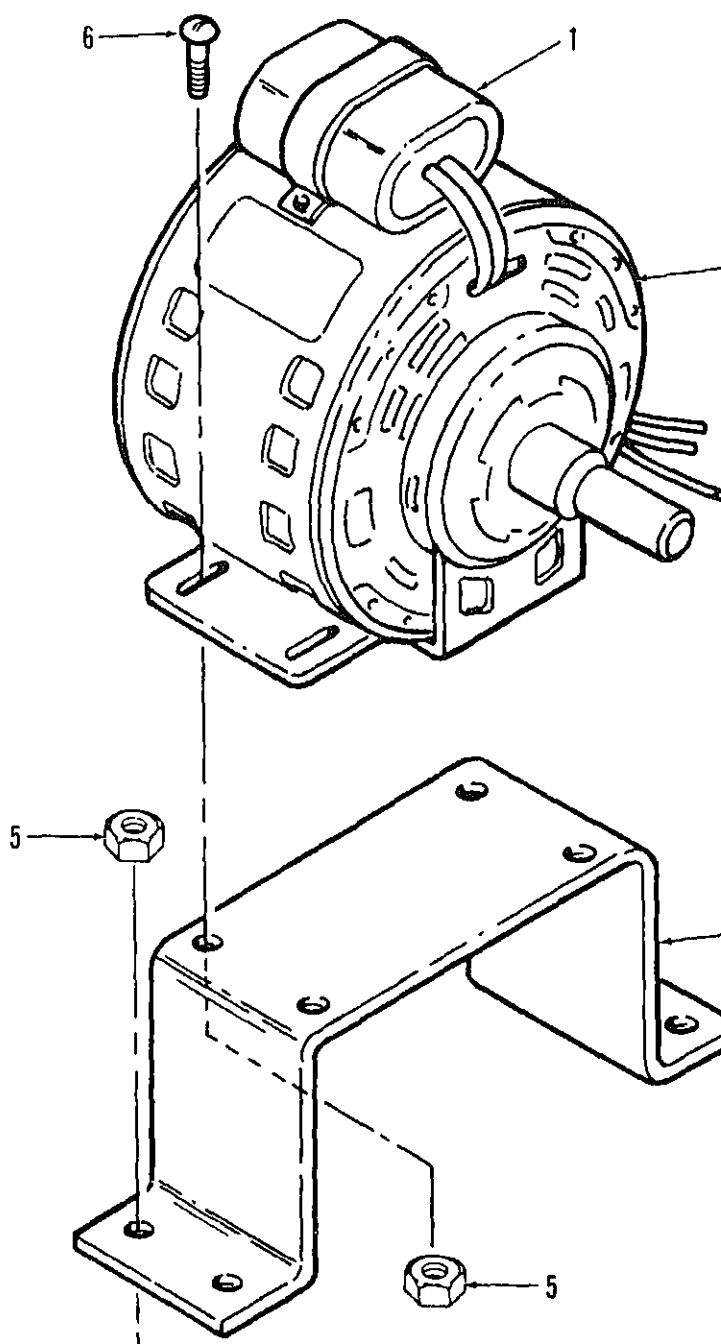


Figure 2. Grilles and Front Panel

(1) TRACTION	(2)	(3)	(4)	(5)	(6)
(b) ITEM NO.	SMB CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION USABLE ON CODE
1	PAQZZ	3305-00-054-6672	MS51957-47	969J6	SCREW, MACHINE.....
2	XBQZZ		13221E4578	974J3	GRILL, RETURN AIR.....
3	XBQZZ		13221E4577	974Q3	GRILL, AIR DIFFUSER.....
4	PAQZZ	3305-00-054-6670	MS51957-45	969J6	SCREW, MACHINE.....
5	XBQZZ		13221E4576	974Q3	PANEL, FRONT.....
6	PAQZZ	3305-00-984-7363	MS35191-272	969Q6	SCREW, MACHINE.....



(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION
(a) FIG NO	(b) ITEM NO.					USABLE ON CODE
						GROUP 02 ELECTRIC MOTOR AND FANS
3	1	PAQZZ	4140-01-066-9502	13221E4575	97403	IMPELLER, FAN, AXIAL.....
3	2	PAQZZ	5305-00-054-6651	MS51957-27	96906	SCREW, MACHINE.....
3	3	PAQZZ	4140-01-066-9503	13221E4553	97403	IMPELLER, FAN.....
3	4	XBOZZ		13221E4547	97403	INTAKE RING, BLOWER.....
3	5	PAFZZ	5305-00-054-6665	MS51957-44	96906	SCREW, MACHINE.....
3	6	PAQZZ	5305-00-054-6653	MS51957-29	96906	SCREW, MACHINE.....
3	7	XBOZZ		13221E4564	97403	CUTOFF, BLOWER.....
3	8	XBOZZ		13221E4545	97403	SHROUD, CONDENSER.....
3	9	PAQZZ	5305-00-984-7341	MS35191-273	96906	SCREW, MACHINE.....



(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FPCM	DESCRIPTION	
						USABLE ON CODE	
4	2	PAQZZ	6105-01-072-5722	13221E4583	9740J	MOTOR, ALTERNATING.....	
4	3	PAQZZ	5940-01-015-8288	H525036-107	96906	TERMINAL, LUG.....	
4	4	K80ZZ		13221E4539	9740J	BRACKET, MOTOR.....	
4	5	PAQZZ	5310-00-982-4588	H521045C4	96906	MUT, SELFLOCKING.....	
4	6	PAQZZ	5305-00-267-8173	H590726-4	96906	SCREW, CAP.....	

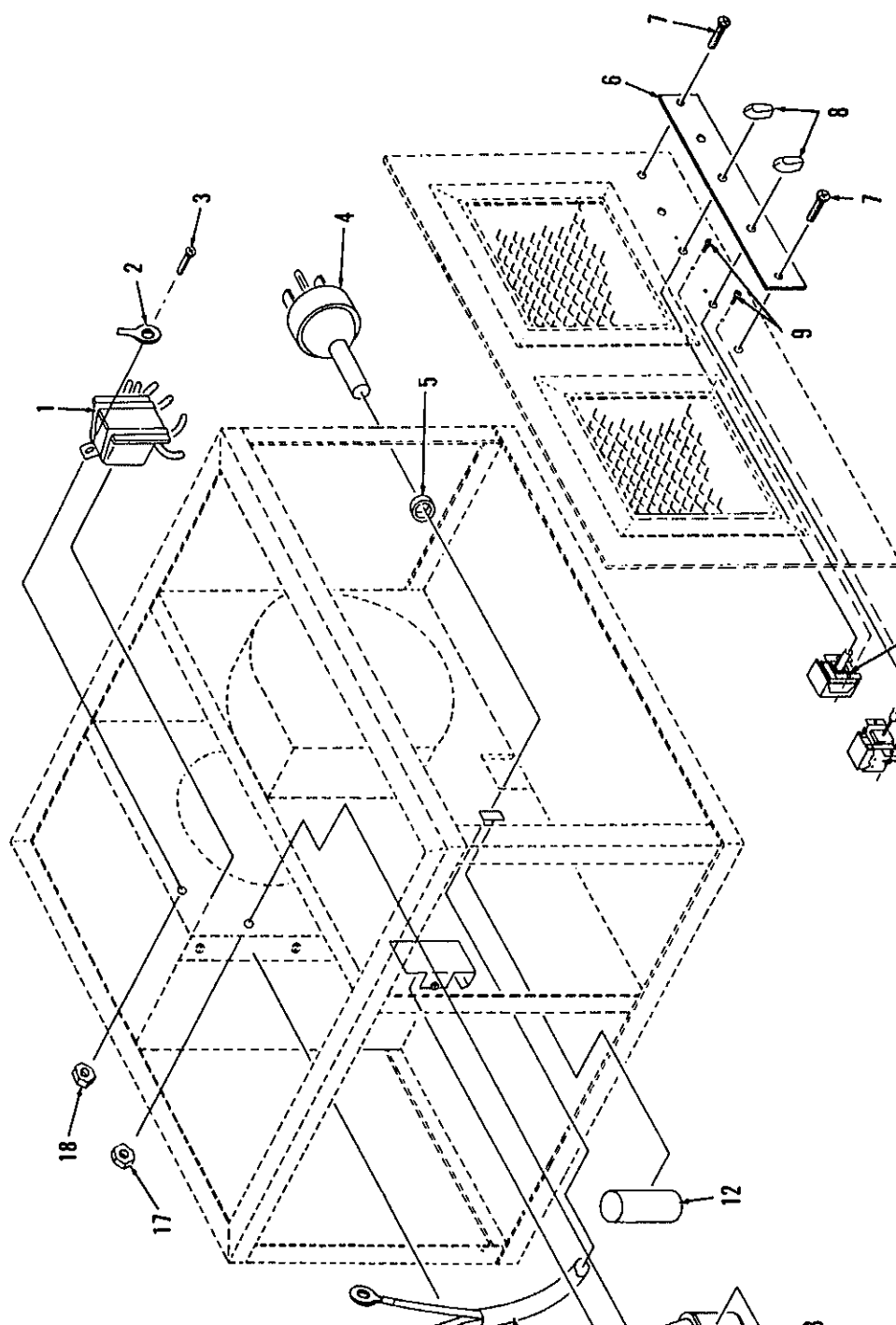
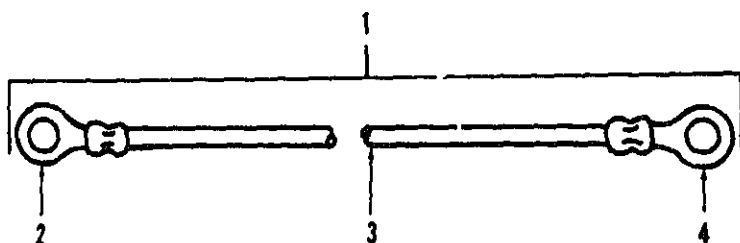


ILLUSTRATION		(12)	(13)	(14)	(15)	(16)
(a) FIG NO.	(b) ITEM NO.	S&W CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION
						UTABLE ON CODE
						GROUP 03 STARTING AND PROTECTIVE DEVICES
5	1	PAQZZ		3ARR3B2M5	4440	RELAY, VOLTAGE.....
5	2	PAQZZ	5940-00-143-4774	M525336-153	4040	TERMINAL, LUG.....
5	3	PAQZZ	5305-00-939-0795	M535218-26	5040	SCREW, MACHINE.....
5	4	PAQZZ	5935-01-023-9777	MC396/13-2	6100	CONNECTOR, PLUG, ELEC.....
5	5	XBQZZ	5975-00-273-0788	SR6PL	4030	BUSHING, STRAIGHT.....
5	6	XBQZZ		1322184567	4740	PLATE, CONTROL PANEL.....
5	7	PAQZZ	5305-00-054-6652	M531957-28	4040	SCREW, MACHINE.....
5	8	PBQZZ	5355-00-842-3111	M591528-1A20	4040	KNOB.....
5	9	PAQZZ	5305-00-458-5474	M535190-250	4040	SCREW, MACHINE.....
5	10	PAQZZ	5930-00-338-6587	24076MPC	1000	SWITCH, SELECTOR.....
5	11	PAQZZ		B4BT	4100	THERMOSTAT.....
5	12	PAQZZ	5305-00-054-6668	M531957-43	4040	SCREW, MACHINE.....
5	13	PAQZZ	5910-00-463-3149	ETM460-125	4740	CAPACITOR, FIXED.....
5	14	PAQZZ	5305-00-054-6668	M531957-43	96906	SCREW, MACHINE.....
5	15	PAQZZ	6145-00-947-7051	CO-03HGF(3/14)0565	4040	CABLE, POWER, ELECTRICAL.....
5	16	PAQZZ	5310-00-939-0850	M521083C08	4040	NUT, SELFLOCKING.....
5	17	PAQZZ	5310-00-525-9446	M521083C06	4040	NUT, SELFLOCKING.....



ELECTRICAL LEAD PART NUMBER (ITEM #1)	TERMINAL LUG PART NUMBER (ITEM #2)	WIRE MARKING	TERMINAL LUG PART NUMBER (ITEM #3)	V PART (IT
13221E4585-1	MS25036-156	K1-2 B1-START	61108-1	M508
13221E4585-2	MS25036-156	K1-5 B1-COMMON	61108-1	M508
13221E4585-3	MS25036-156	K1-1 C1	MS25036-111	M508
13221E4585-4	MS25036-156	K1-4 C1	MS25036-111	M508
13221E4585-5	MS25036-153	K1-4 S1-L1	MS25036-107	M508
13221E4585-6	MS25036-153	S1-2 S2-1	MS25036-107	M508

Figure 6. Wiring

RATION		(2)	(3)	(4)	(5)	(6)	(7)
(B) ITEM NO.		SNR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FBCM	DESCRIPTION	USABLE ON CODE
						GROUP 04 WIRING	
1	XBOZZ			13221E4585-1	974J3	LEAD, ELECTRICAL.....	
2	PAOZZ	5940-00-143-4775	M525036-156		969J6	TERMINAL, LUG.....	
3	PAOZZ	5999-01-074-2271	61108-1		00779	TERMINAL, LUG.....	
4	PAOZZ	6145-00-578-7521	M5086/1-12-9		61349	WIRE, ELECTRIC.....	
1	XBOZZ			13221E4585-2	974J3	LEAD, ELECTRICAL.....	
2	PAOZZ	5940-00-143-4775	M525036-156		969J6	TERMINAL, LUG.....	
3	PAOZZ	5999-01-074-2271	61108-1		00779	TERMINAL, LUG.....	
4	PAOZZ	6145-00-578-7521	M5086/1-12-9		61349	WIRE, ELECTRIC.....	
1	XBOZZ			13221E4585-3	974J3	LEAD, ELECTRICAL.....	
2	PAOZZ	5940-00-143-4775	M525036-156		969J6	TERMINAL, LUG.....	
3	PAOZZ	5940-00-204-8590	M525036-111		969J6	TERMINAL, LUG.....	
4	PAOZZ	6145-00-578-7521	M5086/1-12-9		61349	WIRE, ELECTRIC.....	
1	XBOZZ			13221E4585-4	974J3	LEAD, ELECTRICAL.....	
2	PAOZZ	5940-00-143-4775	M525036-156		969J6	TERMINAL, LUG.....	
3	PAOZZ	5940-00-204-8590	M525036-111		969J6	TERMINAL, LUG.....	
4	PAOZZ	6145-00-578-7521	M5086/1-12-9		61349	WIRE, ELECTRIC.....	
1	XBOZZ			13221E4585-5	974J3	LEAD, ELECTRICAL.....	
2	PAOZZ	5940-00-143-4774	M525036-153		969J6	TERMINAL, LUG.....	
3	PAOZZ	5305-00-054-6670	M831957-43		969J6	SCREW, MACHINE 27771.....	
4	PAOZZ	6145-00-578-7516	M5086/1-14-9		61349	WIRE, ELECTRIC.....	
1	XBOZZ			13221E4585-6	974J3	LEAD, ELECTRIC.....	
2	PAOZZ	5940-00-143-4774	M525036-153		969J6	TERMINAL, LUG.....	
3	PAOZZ	5940-01-013-8288	M525036-107		969J6	TERMINAL, LUG.....	
4	PAOZZ	6145-00-578-7516	M5086/1-14-9		61349	WIRE, ELECTRIC.....	

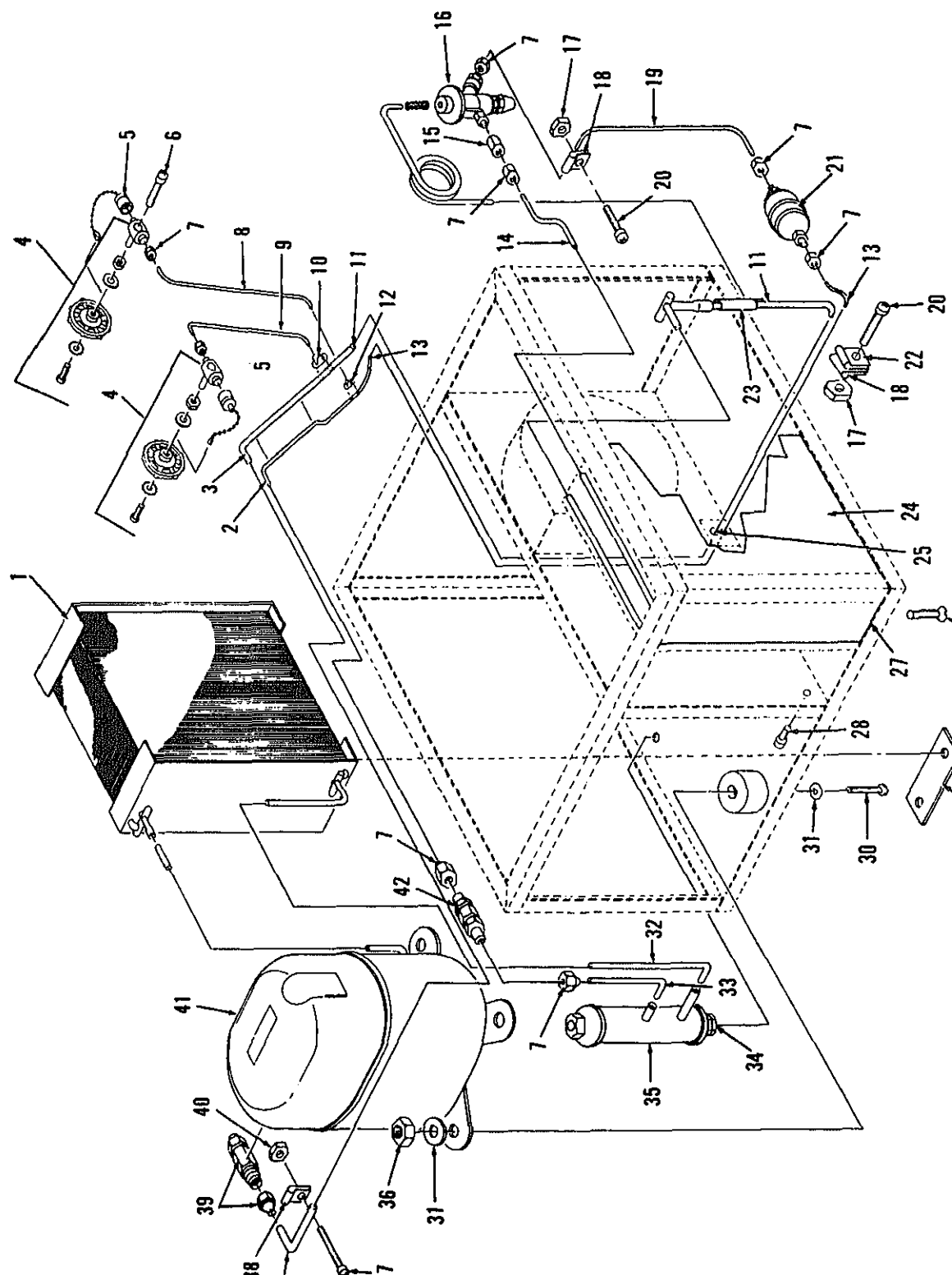


ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	
(A) FIG NO	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	PSCM	DESCRIPTION	USABLE ON CODE
						GROUP 05 GAS COMPRESSOR, PIPING AND COMPONENTS	
7	1	PAF22		13221E4535	774J3	COIL, EVAPORATOR.....	
7	2	PBF22	4710-00-203-3173	WM1775-1-20UAKJ3 2WALL	01340	TUBE, COPPER.....	
7	3	PAF22	4710-00-203-3171	WM1775-1-40UAKJ3 0WALL	01340	TUBE, COPPER.....	
7	4	ABF22	4820-01-015-0650	V2 S4	774J3	VALVE, SERVICE.....	
7	5	XBO22		4620-4AC	774J3	CAP AND CHAIN.....	
7	6	PAO22	5305-00-054-6651	MS51957-27	707J0	SCREW, MACHINE.....	
7	7	PBF22	4730-00-189-2737	MS35872-2	707J0	NUT, FLARE.....	
7	8	PBF22	4710-00-203-3173	WM1775-1-20UAKJ3 2WALL	01340	TUBE, COPPER.....	
7	9	PBF22	4710-00-203-3173	WM1775-1-20UAKJ3 2WALL	01340	TUBE, COPPER.....	
7	10	PBF22	4730-00-021-9184	MS40350	71347	TEE.....	
7	11	PAF22	4710-00-203-3171	WM1775-1-40UAKJ3 0WALL	01340	TUBE, COPPER.....	
7	12	PBF22	4730-00-257-2163	MS35929-2	707J0	TEE.....	
7	13	PAF22	4710-00-203-3171	WM1775-1-40UAKJ3 0WALL	01340	TUBE, COPPER.....	
7	14	PAF22	4710-00-203-3171	WM1775-1-40DXR03	91348	TUBE, COPPER.....	
7	15	ABF22		SAE-J516	01340	ADAPTER, REDUCER.....	
7	16	PAO22	4820-00-472-2641	207CFB14-702JF-1 38	71347	VALVE, EXPANSION.....	
7	17	PAO22	5310-00-939-0650	MS21083CC8	707J0	NUT, SELFLOCKING.....	
7	18	PAO22	5340-00-205-6301	MS21919D34	707J0	CLAMP, LOCK.....	
7	19	PAF22	4710-00-203-3171	WM1775-1-40UAKJ3 0WALL	01340	TUBE, COPPER.....	
7	20	PAO22	5305-00-054-6668	MS51957-43	707J0	SCREW, MACHINE.....	
7	21	PAF22	4130-00-081-5359	ADK052	707J0	DEHYDRATOR, DESICCANT.....	
7	22	PAO22	5340-00-106-0550	MS21104U8	707J0	CLAMP, LOCK.....	
7	23	XBO22		N0165	774J3	TAPE, INSULATION.....	
7	24	PAF22		13221E4534	774J3	COIL, CONDENSER.....	
7	25	PAO22	5325-00-960-2410	MS21266-1N	707J0	GROMMET, PLASTIC.....	
7	26	PAU22	5305-00-964-7391	MS35191-275	707J0	SCREW, MACHINE.....	
7	27	XBO22		13221E4542	774J3	SPACER, EVAPORATOR.....	
7	28	PAO22	5305-00-034-6669	MS51957-44	707J0	SCREW, MACHINE.....	
7	29	XBO22		13221E4543	774J3	SPACER, CONDENSER.....	
7	30	PAO22	5305-00-269-2605	MS9726-66	707J0	SCREW, CAP.....	
7	31	PAO22	5310-00-080-6004	MS27183-14	707J0	WASHER, FLAT.....	
7	32	PBF22	4710-00-203-3173	WM1775-1-20UAKJ3 2WALL	01340	TUBE, COPPER.....	
7	33	PAF22	4710-00-203-3173	WM1775-1-20UAKJ3 2WALL	01340	TUBE, COPPER.....	
7	34	PAO22	5310-00-241-6640	MS16228-6C	707J0	NUT, SELFLOCKING.....	
7	35	XBF22		23894	78007	RECEIVER, LIQUID.....	

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION
(a) FIG NO	(b) ITEM NO	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	USABLE ON CO
7	36	PAQZZ	5310-03-039-9264	MS21043C6	969Jb	NUT, SELFLOCKING.....
7	37	PAJZZ	5305-00-484-7341	MS35191-273	969Jb	SCREW, MACHINE.....
7	38	PAQZZ	5340-01-024-6617	MS21919D12	969Jb	CLAMP, LOOP.....
7	39	PAFZZ	4730-00-289-0365	SAE-J513	91342	NUT, FLARE, REDUCING.....
7	40	PAJZZ	5310-00-926-1835	MS21083C3	969Jb	NUT, SELFLOCKING.....
7	41	PAFZZ	4130-01-069-131C	13221E4551	974J3	COMPRESSOR.....
7	42	PBFZZ	6685-00-758-5244	A15966	41447	INDICATOR.....

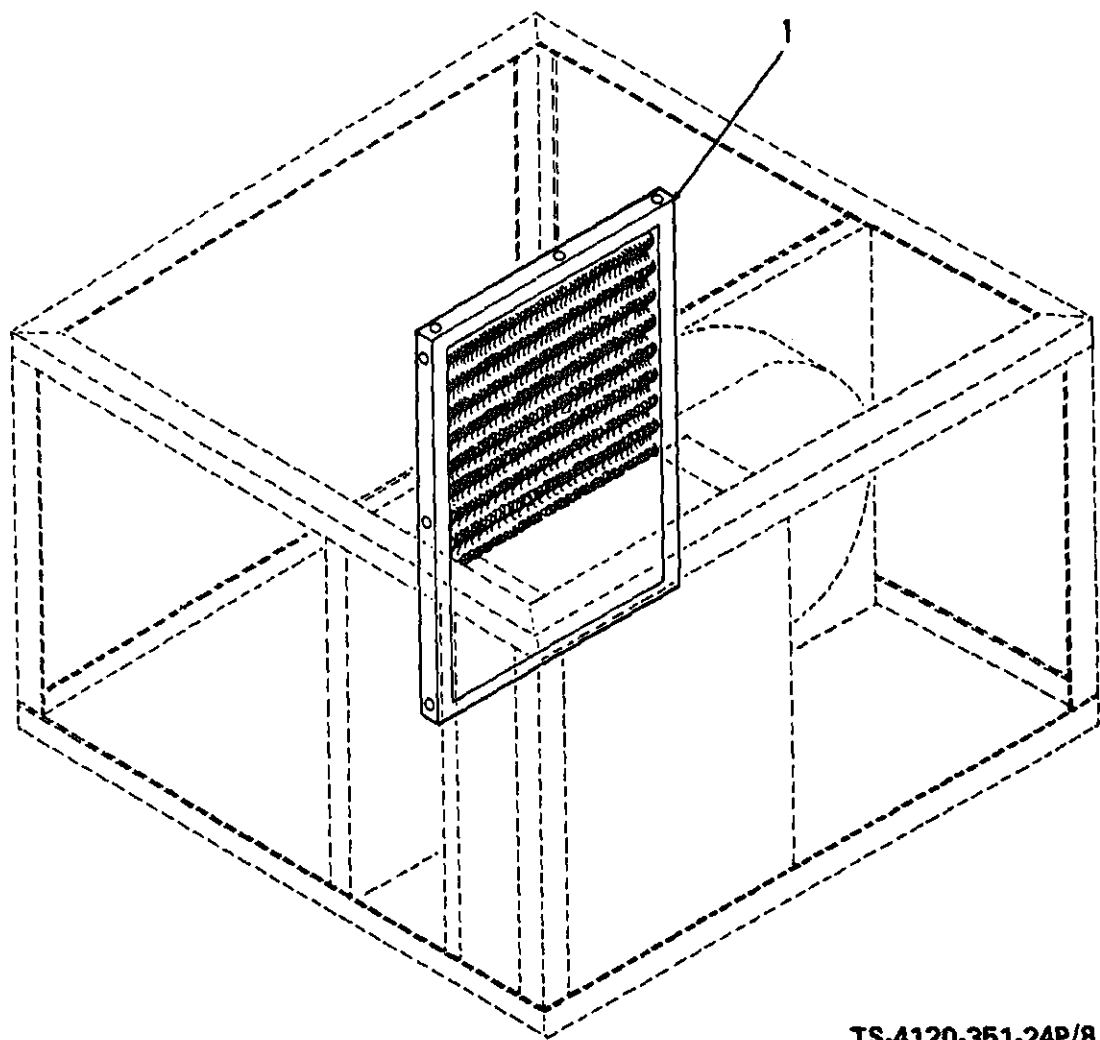
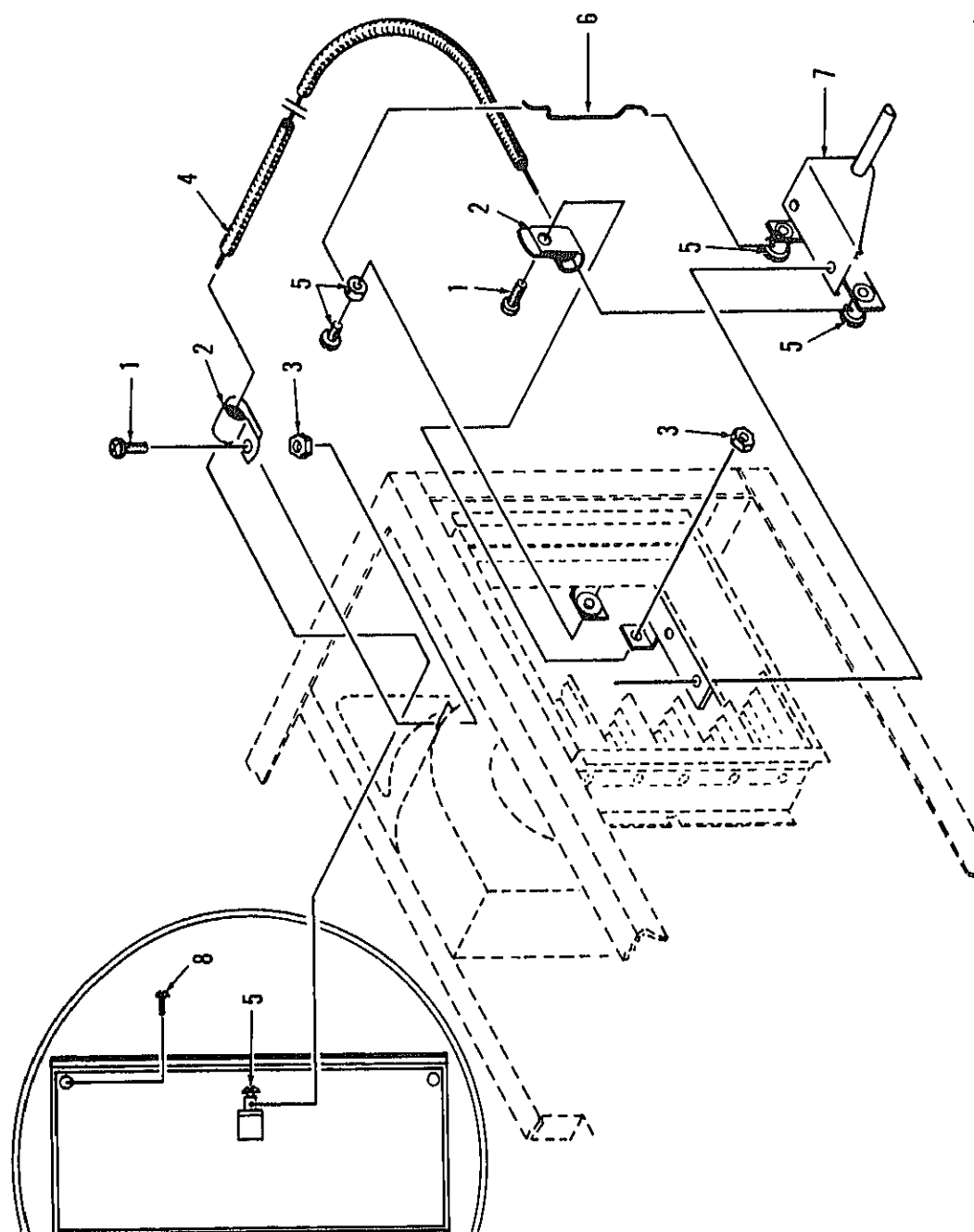


Figure 8 Filter

(1) RATION	(2)	(3)	(4)	(5)	(6)	(7)
(b) ITEM NO	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION USABLE ON CODE	U/A
1	PA022	4130-01-071-5466	13221E4533	97403	GROUP 06 - FILTER FILTER, AIR	E



ITEM NO.	(2)	(3)	(4)	(5)	(6)	(7)
	SMA CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	U/M
					USABLE ON CODE	
					GROUP 07 ACTUATOR	
1	PAQZZ	5305-00-054-6668	M55L 957-43	96906	SCREW, MACHINE.....	EA
2	PAQZZ	5340-00-600-7386	M52L 04WD3	96906	CLAMP, LOOP.....	EA
3	PAQZZ	5310-00-939-025C	M52L 083C08	96906	NUT, SELFLOCKING.....	EA
4	XBOZZ		132L 6E6108-5	97403	CONTROL ASSEMBLY.....	EA
5	XBOZZ	5340-00-923-8544	FT19L	70436	POST, MECHANICAL.....	EA
6	XBOZZ		00-W-423	81349	WIRE, STEEL.....	EA
7	XBOZZ		1322L E4970	97403	VENT LINKAGE.....	EA
8	PAQZZ	5309-00-054-6652	M55L 957-28	96906	SCREW, MACHINE.....	EA

SECTION IV

NATIONAL STOCK NUMBER AND PART NUMBER INDEX

[illegible][illegible]

FIG. IV

NATIONAL STOCK NUMBER AND PART NUMBER INDEX

TM 5-4120-351-24P

PART NUMBER	PSCM	FIG. NO.	ITEM NO.	PART NUMBER	PSCM	FIG. NO.	ITEM NO.
65	77464	7	23	13221E4543	97403	7	29
W-423	81349	9	6	13221E4547	97403	3	4
-J513	81343	7	39	13221E4551	97403	7	41
-J516	81343	7	15	13221E4553	97403	3	3
P1	28520	5	5	13221E4562	97403	1	6
4	07245	7	4	13221E4563	97403	1	11
96/13-2	81348	5	4	13221E4564	97403	3	7
775-1-200XRO32WALL	81348			13221E4567	97403	5	6
775-1-200XRO32WALL	81348			13221E4569	97403	1	12
775-1-200XRO32WALL	81348	7	2	13221E4570	97403	9	7
775-1-200XRO32WALL	81348	7	32	13221E4575	97403	3	1
775-1-200XRO32WALL	81348	7	33	13221E4576	97403	7	5
775-1-400XRO30WALL	81348	7	3	13221E4577	97403	2	3
775-1-400XRO30WALL	81348			13221E4578	97403	2	2
775-1-400XRO30WALL	81348			13221E4583	97403	4	2
775-1-400XRO30WALL	81348	7	19	13221E4585-1	97403	6	1
350	41947			13221E4585-2	97403	6	1
16E6108-5	97403	9	4	13221E4585-3	97403	6	1
21E4530	97403	1	4	13221E4585-4	97403	6	1
21E4531	97403	1	3	13221E4585-5	97403	6	1
21E4532	97403	1	1	13221E4585-6	97403	6	1
21E4533	97403			207CF814-70207-138	91494	7	16
21E4534	97403	7	24	23894	78857	7	35
21E4535	97403	7	1	24076HPC	76854	5	10
21E4536	97403	1	9	7ARR382M5	24446	5	1
21E4537	97403	1	8	4620-44C	07245	7	5
21E4539	97403	4	4	61108-1	00779	6	3
21E4542	97403	7	27	61108-1	00779	6	3

by Order of the Secretary of the Army:

Official:

E. C. MEYER
General, United States Army
Chief of Staff

J. C. PENNINGTON
Major General, United States Army
The Adjutant General

DISTRIBUTION:

To be distributed in accordance with DA Form 12-25C, Organizational Maintenance Requirements for Environmental Equipment, Air Conditioners, 9,000 BTU

SOMETHING WRONG WITH THIS MANUAL?



THEN... JOT DOWN THE
DOPE ABOUT IT ON THIS
FORM, TEAR IT OUT, FOLD
IT AND DROP IT IN THE
MAIL!

FROM: (YOUR UNIT'S COMPLETE ADDRESS)

PFC JOHN DOE

COA, 3^d ENGINEER BN

FT. LEONARD WOOD MO 63108

DATE

PUBLICATION NUMBER

M5-4120-351-24P

DATE

28 Sep 79

TITLE

Air Conditioner, Floor
Mounted, Air Cooled 9,000 B.

BE EXACT... PIN-POINT WHERE IT IS

IN THIS SPACE TELL WHAT IS WRONG
AND WHAT SHOULD BE DONE ABOUT IT:

PAGE NO.	PARA- GRAPH	FIGURE NO.	TABLE NO.
-------------	----------------	---------------	--------------

6

2-1
a

In line 6 of paragraph 2-1a the manual states the engine has 6 cylinders. The engine on my set only has 4 cylinders. Change the manual to show 4 cylinder

81

4-3

Callout 16 on figure 4-3 is pointing at a bolt. In the key to fig. 4-3, item 16 is called a skim. Please correct one or the other.

25

line 20

Ordered a gasket, item 19 on figure B-16 by NSN 2910-00-762-300. I got a gasket but it doesn't fit. Supply says I got what I ordered, so the NSN is wrong. Please give me a good NSN.

SAMPLE

FILL IN YOUR
UNIT'S ADDRESS

FOLD BACK

DEPARTMENT OF THE ARMY

POSTAGE AND
DEPARTMENT
DOD-3

OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE, \$300

Commander:
U.S. Army Support and Aviation
Material Readiness Command
ATTN: DRSTS-MTPS
4300 Goodfellow Boulevard
St. Louis, Mo. 63120

FOLD BACK

REVERSE OF DA FORM 2028-2 (TEST)

RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL MANUALS



SOMETHING WRONG WITH THIS MANUAL?

THEN... JOT DOWN THE
DOPE ABOUT IT ON THIS
FORM, TEAR IT OUT, FOLD
IT AND DROP IT IN THE
MAIL!

FROM: (YOUR UNIT'S COMPLETE ADDRESS)

DATE

ICATION NUMBER

DATE

TITLE

TM 5-4120-351-24P

28 Sep 79

Air Conditioner, Floor Mounted,
Cooled, 9,000 BTU

EXACT... PIN-POINT WHERE IT IS

IN THIS SPACE TELL WHAT IS WRONG
AND WHAT SHOULD BE DONE ABOUT IT:

SE .	PARA- GRAPH	FIGURE NO.	TABLE NO.
---------	----------------	---------------	--------------

FILL IN YOUR
UNIT'S ADDRESS

FOLD BACK

DEPARTMENT OF THE ARMY

OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE, \$300

Commander:
U.S. Army Support and Aviation
Material Readiness Command
ATTN: DRSTS-MTPS
4300 Goodfellow Boulevard
St. Louis, Mo. 63120

FOLD BACK

REVERSE OF DA FORM 2028-2 (TEST)



SOMETHING WRONG WITH THIS MAN

THEN...JOT DOWN THE
DOPE ABOUT IT ON THIS
FORM, TEAR IT OUT, FOLD
IT AND DROP IT IN THE
MAIL!

FROM: (YOUR UNIT'S COMPLETE ADDRESS)

DATE

TITLE

Air Conditioner, Floor Mounted
Cooled, 9,000 BTU

PUBLICATION NUMBER

TM 5-4120-351-24P

INDEX

28 Sep 79

BE EXACT. . . PIN-POINT WHERE IT IS

IN THIS SPACE TELL WHAT IS WRONG
AND WHAT SHOULD BE DONE ABOUT IT:

PAGE
NO.

PARA-
GRAPH

FIGURE
NO.TABLE
NO.

TEAR ALONG DOTTED LINE

FILL IN YOUR
UNIT'S ADDRESS

FOLD BACK

DEPARTMENT OF THE ARMY

POSTAGE AND FEES PAID
DEPARTMENT OF THE ARMY

DOD-314

OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE, \$300

Commander:
U.S. Army Support and Aviation
Material Readiness Command
ATTN: DRSTS-MTPS
4300 Goodfellow Boulevard
St. Louis, Mo. 63120

FOLD BACK

REVERSE OF DA FORM 2026-2 (TEST)



THEN...JOT DOWN THE
DOPE ABOUT IT ON THIS
FORM, TEAR IT OUT, FOLD
IT AND DROP IT IN THE
MAIL!

FROM: (YOUR UNIT'S COMPLETE ADDRESS)

DATE

PUBLICATION NUMBER

DATE

TITLE

TM 5-4120-351-24P

28 Sep 79

Air Conditioner, Floor 1
Cooled, 9,000 BTU

BE EXACT...PIN-POINT WHERE IT IS

IN THIS SPACE TELL WHAT IS WRONG
AND WHAT SHOULD BE DONE ABOUT IT:

PAGE
NO.

PARA-
GRAPH

FIGURE
NO.

TABLE
NO.

TEAR ALONG DOTTED LINE

TYPED NAME, GRADE OR TITLE, AND TELEPHONE NUMBER

SIGN HERE:

FILL IN YOUR
UNIT'S ADDRESS

FOLD BACK

DEPARTMENT OF THE ARMY

POSTAGE AND FEES PAID

DEPARTMENT OF THE ARMY

DOD-314

OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE, \$300

Commander:
U.S. Army Support and Aviation
Material Readiness Command
ATTN: DRSTS-MTPS
4300 Goodfellow Boulevard
St. Louis, Mo. 63120

FOLD BACK

REVERSE OF DA FORM 2028-2 (TEST)



SOMETHING WRONG WITH THIS MANUAL

THEN, I JOI DOWN THE
FOPT ABOUT IT ON THIS
FORM, TEAR IT OUT, FOLD
IT AND DROP IT IN THE
MAIL.

FROM: (YOUR UNIT'S COMPLETE ADDRESS)

CLAY

PUBLICATION NUMBER

TM 5-4120-351-24P

DATE

28 Sep 79

III. C

Air Conditioner, Floor Mounted
Cooled, 2,000 BTU.....

BE EXACT...PIN-POINT WHERE IT IS

IN THIS SPACE TELL WHAT IS WRONG
AND WHAT SHOULD BE DONE ABOUT IT:

PAGE NO.	PARA-GRAPH	FIGURE NO.	TABLE NO.
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PARA- GRAPH

FIGURE NO.

TABLE
NO.

FILL IN YOUR
UNIT'S ADDRESS



FOLD BACK

POSTAGE AND FEES
DEPARTMENT OF THE
DOO-314

DEPARTMENT OF THE ARMY

OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE, \$300

Commander:
U.S. Army Support and Aviation
Material Readiness Command
ATTN: DRSTS-MTPS
4300 Goodfellow Boulevard
St. Louis, Mo. 63120

FOLD BACK

REVERSE OF DA FORM 2028-2 (TEST)

The Metric System and Equivalents

Linear Measure

1 centimeter = 10 millimeters = .39 inch
 1 decimeter = 10 centimeters = 3.94 inches
 1 meter = 10 decimeters = 39.37 inches
 1 dekameter = 10 meters = 32.8 feet
 1 hectometer = 10 dekameters = 328.08 feet
 1 kilometer = 10 hectometers = 3,280.8 feet

Weights

1 centigram = 10 milligrams = .15 grain
 1 decigram = 10 centigrams = 1.54 grains
 1 gram = 10 decigrams = .035 ounce
 1 dekagram = 10 grams = .35 ounce
 1 hectogram = 10 dekagrams = 3.52 ounces
 1 kilogram = 10 hectograms = 2.2 pounds
 1 quintal = 100 kilograms = 220.46 pounds
 1 metric ton = 10 quintals = 1.1 short tons

Liquid Measure

1 centiliter = 10 milliliters = .34 fl. ounce
 1 deciliter = 10 centiliters = 3.38 fl. ounces
 1 liter = 10 deciliters = 38.82 fl. ounces
 1 dekaliter = 10 liters = 2.64 gallons
 1 hectoliter = 10 dekaliters = 26.42 gallons
 1 kiloliter = 10 hectoliters = 264.18 gallons

Square Measure

1 sq. centimeter = 100 sq. millimeters = .155 sq. inch
 1 sq. decimeter = 100 sq. centimeters = 15.5 sq. inches
 1 sq. meter (centare) = 100 sq. decimeters = 10.76 sq. feet
 1 sq. dekameter (are) = 100 sq. meters = 1,076.4 sq. feet
 1 sq. hectometer (hectare) = 100 sq. dekameters = 2.47 acres
 1 sq. kilometer = 100 sq. hectometers = .386 sq. mile

Cubic Measure

1 cu. centimeter = 1000 cu. millimeters = .06 cu. inch
 1 cu. decimeter = 1000 cu. centimeters = 61.02 cu. inches
 1 cu. meter = 1000 cu. decimeters = 35.31 cu. feet

Approximate Conversion Factors

To change	To	Multiply by	To change	To	Multiply by
centimeters	inches	2.540	ounces	grams	28.349
decimeters	inches	.305	ounces	milligrams	28,349
meters	feet	.914	ounces	micrograms	28,349,000
kilometers	yards	1.094	ounces	metric tons	2,204.6
square centimeters	miles	6.461	ounces	metric tons	2,204.6
square meters	square inches	.093	ounces	metric tons	2,204.6
square meters	square feet	.836	ounces	metric tons	2,204.6
square kilometers	square yards	2.590	ounces	metric tons	2,204.6
square hectometers	square miles	.405	ounces	metric tons	2,204.6
cubic meters	acres	.028	ounces	metric tons	2,204.6
cubic meters	cubic feet	.706	ounces	metric tons	2,204.6
milliliters	cubic yards	29,573	ounces	metric tons	2,204.6
liters	cubic meters	.473	ounces	metric tons	2,204.6
liters	cubic yards	.946	ounces	metric tons	2,204.6
liters	fluid ounces	3.785	ounces	metric tons	2,204.6
grams	pints	28.349	ounces	metric tons	2,204.6
kilograms	quarts	.454	ounces	metric tons	2,204.6
metric tons	gallons	.907	ounces	metric tons	2,204.6
newton-meters	ounces	1.365	ounces	metric tons	2,204.6
newton-meters	pounds	.11375	ounces	metric tons	2,204.6
	short tons		ounces	metric tons	2,204.6

Temperature (Exact)